UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/820,324	03/29/2001	Christine S. Pepin	05026.00002	3124

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BANNER & WITCOFF
1001 G STREET N W
SUITE 1100
WASHINGTON, DC 20001

EXAMINER
WU, YICUN

ART UNIT	PAPER NUMBER
2175	

DATE MAILED: 09/11/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 07-01)

	Application No.	Applicant(s)
Office Action Summary	09/820,324	PEPIN ET AL.
	Examiner	**Art Unit**
	Yicun Wu	2175

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on <u>29 March 2001</u> .

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) <u>1-35</u> is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) <u>1-35</u> is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11)☐ The proposed drawing correction filed on _____ is: a)☐ approved b)☐ disapproved by the Examiner.

    If approved, corrected drawings are required in reply to this Office action.

12)☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

13)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____ .

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

14)☒ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).

    a) ☐ The translation of the foreign language provisional application has been received.

15)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

DIANE D. MIZRAHI
PRIMARY PATENT EXAMINER
TECHNOLOGY CENTER

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ .

4) ☐ Interview Summary (PTO-413) Paper No(s). _____ .

5) ☐ Notice of Informal Patent Application (PTO-152)

6) ☐ Other: _____ .

III. DETAILED ACTION

1. Claims 1-35 are presented for examination.

Claim Objections

2. Claims 1-35 is objected to because of the following

informalities: the Examiner is not clear about the meaning of

the claim. "...label"

Appropriate correction is required.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs

of 35 U.S.C. 102 that form the basis for the rejections under

this section made in this Office action:

A person shall be entitled to a patent unless –
   (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1-35 are rejected under 35 U.S.C. 102(e) as being

anticipated over Morgenstern (U. S. Patent No. 5,970,490).

As to claims 1, 22-23, and 34, <u>Morgenstern</u> discloses a
method for processing information comprising the steps of:

selecting a first label (i.e. data schema specification)
from a first list of labels to identify a first set of data
(Fig. 2-4);

selecting a second label from a second list of labels to
identify a second set of data (Fig. 2-4);

applying a first rule associated with the first set of data
based on the selection of the first label (Fig. 2-4); and

applying a second rule associated with the second set of
data based on the selection of the second label (Fig. 2-4).

As to claims 2 and 24, <u>Morgenstern</u> discloses a method
wherein at least one of the first set of data and the second set
of data is a column (a column is well known in the art).

As to claims 3 and 25, <u>Morgenstern</u> discloses a method
wherein at least one of the first set of data and the second set
of data is a field (a field is well known in the art).

As to claim 4, <u>Morgenstern</u> discloses a method wherein at
least one of the first rule and the second rule is applied to

the content of a cell in a column based on the content of the

cell.

As to claim 5, Morgenstern discloses a method wherein at

least one of the first rule and the second rule is applied to

the content of a first cell in a column based on the content of

a second cell (i.e. semantic transformation rules) (Fig. 2, item

20).

As to claims 6 and 26, Morgenstern discloses a method

further comprising the step of:

applying a third rule to the first set of data based on the

selection of the first label (Fig. 2).

As to claims 7 and 27, Morgenstern discloses a method

further comprising the step of:

after the selecting a first label step, removing the first

label from the first list of labels to result in the second list

of labels (Fig. 2, item 20).

As to claims 8 and 28, Morgenstern discloses a method

wherein the first list of labels is identical to the second list

of labels (Fig. 2, item 20 and 24).

As to claims 9 and 29, <u>Morgenstern</u> discloses a method comprising the step of:

outputting the result of the first and second applying steps to a remote application.

As to claims 10 and 30, <u>Morgenstern</u> discloses a method wherein the first applying step comprises the step of:

generating a third set of data based on the first set of data (Fig. 2).

As to claims 11 and 31, <u>Morgenstern</u> discloses a method wherein the first applying step comprises the step of:

replacing the first set of data with a third set of data (Fig. 2, item 20).

As to claims 12 and 32, <u>Morgenstern</u> discloses a method wherein:

the first rule performs the step of data scrubbing on the information (Fig. 2, item 20) and (col. 11, lines 36-38).

As to claim 13, <u>Morgenstern</u> discloses a method, wherein the
first rule filters the information (Fig. 2) and (col. 15, lines
32-35).

As to claim 14, <u>Morgenstern</u> discloses a method, wherein the
first rule applies source rules to the information (Fig. 2).

As to claims 15, <u>Morgenstern</u> discloses a method, wherein
the first rule applies destination rules to the information
(Fig. 2).

As to claim 16, <u>Morgenstern</u> discloses a method, wherein the
first rule applies cleanup rules to the information (Fig. 2).

As to claim 17, <u>Morgenstern</u> discloses a method wherein the
first rule applies derivation rules to the information (col. 23,
lines 41-44).

As to claim 18, <u>Morgenstern</u> discloses a method wherein the
first rule applies transformation rules to the information (Fig.
2).

As to claim 19, <u>Morgenstern</u> discloses a method wherein the

first rule applies mapping rules to the information (Fig. 2 and

col. 24, lines 41-49).

As to claim 20, <u>Morgenstern</u> discloses a method, wherein the

first applying step comprising the steps of:

determining at least one of a supplier of the information

and a recipient of the information (Fig. 2);

determining to apply the first rule from a set of rules

based on at least one of the supplier and the recipient; and

applying the first rule (Fig. 2).

As to claims 21, 33 and 35, <u>Morgenstern</u> discloses a method

further comprising the steps of:

determining at least one a header row (i.e. "header") of

the information, a supplier of the information and a recipient

information (col. 9, lines 33-43);

storing the first and second selecting steps with at least

one of an indication of the header row, the supplier, and the

recipient as part of a knowledgebase (col. 9, lines 33-43); and

when processing new information with an indication,

matching at least one of the header row, the supplier and the

recipient, performing the first and second selecting steps on
the new information (col. 9, lines 33-43).

Prior Art Made of Record

5.   The prior art made of record and not relied upon is
considered pertinent to applicant's disclosure.
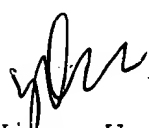
Ellis et al. (U.S. Patent No. 6,195,662).

Conclusion

6.   Any inquiry concerning this communication or earlier
communications from the examiner should be directed to Yicun Wu
whose telephone number is 703-305-4889. The examiner can
normally be reached on 8:00 am to 4:30 pm, Monday -Friday.

If attempts to reach the examiner by telephone are
unsuccessful, the examiner's supervisor, Dov Popovici can be
reached on 703-305-3830. The fax phone numbers for the
organization where this application or proceeding is assigned
are 703-746-7238 for regular communications and 703-746-7240 for
After Final communications.

Any inquiry of a general nature or relating to the status
of this application or proceeding should be directed to the
receptionist whose telephone number is 703-305-3900.

Yicun Wu
Patent Examiner
Technology Center 2100

DIANE D. MIZRAHI
PRIMARY PATENT EXAMINER
TECHNOLOGY CENTER 2100

September 4, 2003